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Approved For Release 2003/05/14 : CIA-RDP78B05471A000800050013-3

NPIC/TSSG/RED-1886-69  
27 October 1969

MEMORANDUM FOR THE RECORD

SUBJECT : Testing of High Speed Processors

REFERENCE: (a) Memo - TEB-32-68 of 11 December 1968  
(b) Memo - TEB-11-69 of 27 March 1969

25X1  
25X1  
1. On 15-18 October 1969 [ ] representing USAF, Special Photo Processing Facility (SPPF), Westover, Mass. and the undersigned inspected and tested the three (3) Dry Silver High Speed Processors fabricated under Contract [ ]. These processors had been tested previously in November 1968 and February 1969 (see ref. a and ref. b) but did not perform satisfactorily. These deficiencies have since been corrected and the three processors performed within their expected bounds. After all of the tests and inspections were completed, [ ] the USAF representative, stated that he considered the processors acceptable for delivery. 25X1

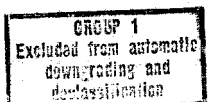
25X1  
2. [ ] has stated that he wants one of the processors (Processor #1) to remain at the contractor's facility in support of the Dry Silver Materials development and for reference with the performance of the other two processors. Processor #1 will be transferred to Contract [ ] as GFE in support of that contract. Processors #2 and #3 are scheduled for shipment to Westover SPPF, Mass. for a 12-month testing and evaluation program. Data from this testing program will be fed back to the contractor for analysis and evaluation and for continued improvement of the materials research and pilot plant improvement. 25X1

3. Pilot plant production of film for the support of these processors has slipped about one month due to the complete failure of the September coating caused by chemical contamination. It is expected that 30,000 square yards of coated material will be ready for converting, i.e., inspection, grading, slitting, and spooling, by December 1969. A minimum yield of 1,000 square yards of quality #1 material is expected from this total production, hopefully, more will be realized. About triple this amount of yield of quality #2 material (to be used for mechanical performance testing, operator training, and maintenance training) is also expected from this batch. The original schedule of 1,000 yards of quality #1 material through March 1970 with an increase to 2,000 yards is expected to be manufactured.

Declass Review by NIMA/DOD

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4. The present schedule calls for shipment of processors #2 and #3 via air van about the middle of November 1969. Specific dates for the riggers and movers are being established by the contractor and SPFF personnel. It will be necessary for the undersigned to be at the Westover facility to sign a DD250 in accordance with the terms of the contract. Arrangements are also being made for the availability of the [ ] engineering personnel for unloading, reassembly of specially packaged fragile parts, setting up the equipment, training of maintenance and operator personnel and to see that the processors function acceptably at the destination.

25X1

5. It is highly recommended that Center personnel coordinate with SPFF personnel and keep apprised of the progress of the testing program for feedback into future equipment and for improved material development.

[ ]  
TSSG/RED/SDB

25X1

Attachments:

- a. Sensitometric Curves
- b. Density Readings
- c. Checkoff Sheets #1, #2, #3

Distribution:

Original - Route & File  
1 - TSSG/RED  
1 - TSSG/RED/SDB

25X1

NPIC/TSSG/RED/SDB/[ ] (27 October 69)

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